

ABSTRACT OF THE DISCLOSURE

Disclosed is a method to reduce contention in a networked system and to provide superior bandwidth allocation to network devices contesting for network use. The method achieves reduced contention by reducing the amount of delay a network device is required to wait before attempting to transmit data after a data collision occurred. Superior bandwidth allocation is achieved by placing devices in back-off delay immediately after they transmit successfully.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100